

## A B S T R A C T

A solar cell for a solar generator panel (10, 10'). According to the invention, the cell is coupled to a reflector (70, 71, 700) in such a manner that together with the reflector the cell forms an individual component (20, 21, 20'), while the other end (E2, E2') of the reflector remains free, the mechanical flexibility properties of the reflector being determined in such a manner as to enable it, in the absence of any vertical pressure, to stay upright in a first position in which its free end points towards outer space, thereby defining a "upper" first face (701, 711) of the reflector facing outer space, while the "lower" opposite face (702, 712) faces the panel, and in such a manner that in a second position, in response to the application of vertical pressure, it is capable of presenting its upper face facing towards the plane of the panel. The invention is particularly applicable to space vehicles having local-concentration solar panels.